**1. Technical Interests & Affinities**

This section gauges what *excites* the user. The questions will be answered on a scale of **1 (Not at all interested) to 5 (Extremely interested)**.

* How interested are you in **Programming & Algorithmic Logic** (e.g., writing efficient code, solving competitive programming problems)?
* How interested are you in **Data Analysis & Statistics** (e.g., finding trends in data, building predictive models)?
* How interested are you in **System Architecture & Design** (e.g., designing how large software systems fit together)?
* How interested are you in **Hardware & Physical Systems** (e.g., circuits, engines, robots)?
* How interested are you in **Visual Design & User Experience** (e.g., creating beautiful interfaces, thinking about how a user interacts with a product)?

**2. Preferred Work Style & Environment**

This helps understand *how* they like to work. These questions will also use a **1-to-5 scale**, representing a spectrum between two extremes.

* **Work Focus:**
  + 1 = I prefer focusing on **one specific, deep task** (Implementation).
  + 5 = I prefer thinking about the **big picture and strategy** (Strategy).
* **Collaboration:**
  + 1 = I work best **working completely alone**.
  + 5 = I work best **collaborating constantly with a team**.
* **Pace & Structure:**
  + 1 = I prefer a **stable, predictable environment** with clear tasks.
  + 5 = I prefer a **fast-paced, dynamic environment** with changing priorities.
* **Problem Type:**
  + 1 = I prefer solving **abstract, theoretical problems**.
  + 5 = I prefer building **concrete, tangible products**.

**3. Self-Assessed Skills & Aptitude**

This section asks users to rate their own abilities. This will be on a scale of **1 (Beginner/Not Confident) to 5 (Expert/Very Confident)**.

* Rate your confidence in **Abstract Problem Solving** (e.g., puzzles, logic games).
* Rate your confidence in **Mathematical & Quantitative Reasoning**.
* Rate your confidence in **Communication & Storytelling** (e.g., presenting ideas, writing).
* Rate your confidence in your **Sense for Visual Design & Aesthetics**.
* Rate your confidence in **Leadership & People Management**.

**4. Core Motivators & Personality**

This captures the "why" behind their career choices.

* **Primary Driver (Multiple Choice - we'll one-hot encode this later):**
  1. Solving complex, technical challenges.
  2. Creating products that people love to use.
  3. Leading teams and achieving business goals.
  4. Achieving high financial rewards and stability.
  5. Having creative freedom and expressing myself.
* **Risk Tolerance (Scale 1-5):**
  1. 1 = I am very **risk-averse** and prefer security.
  2. 5 = I am a **high risk-taker** and enjoy uncertainty.

**5. Deeper Work & Project Preferences**

* **Learning Style (Multiple Choice):** How do you prefer to learn a new, complex technology?
  1. By reading the official documentation and theoretical papers.
  2. By watching tutorials and following guided projects.
  3. By immediately jumping in, experimenting, and breaking things. *(****Why it helps:*** *Differentiates a* ***Research Scientist*** *(1) from a* ***Full Stack Developer*** *(3).)*
* **Project Type (Scale 1-5):**
  1. 1 = I'm more excited by building something **brand new from scratch**.
  2. 5 = I'm more excited by **improving and optimizing an existing system**. *(****Why it helps:*** *Differentiates a* ***Startup Founder*** *(1) from a* ***DevOps Engineer*** *(5).)*
* **Core Focus (Scale 1-5):**
  1. 1 = I'm more driven by understanding **WHY** something works (the theory).
  2. 5 = I'm more driven by **MAKING** something work (the application). *(****Why it helps:*** *This is a classic differentiator between a* ***Machine Learning Engineer*** *(5) and an* ***AI Researcher/Scientist*** *(1).)*
* **User Proximity (Scale 1-5):** How important is it for you to directly interact with the end-users of your work?
  1. 1 = Not important at all. I prefer to focus on the technology.
  2. 5 = Extremely important. I want to understand user needs directly. *(****Why it helps:*** *Separates roles like* ***UI/UX Designer*** *and* ***Product Manager*** *(5) from* ***Embedded Systems Engineer*** *or* ***Cloud Architect*** *(1).)*
* **Patience for Impact (Scale 1-5):**
  1. 1 = I prefer long-term projects with a massive, delayed impact.
  2. 5 = I prefer short-term projects where I can see results quickly. *(****Why it helps:*** *Distinguishes between an* ***Aerospace Engineer*** *working on a 10-year project (1) and an* ***App Developer*** *pushing weekly updates (5).)*